

# CSWC Operational Period Summary

## 0600 February 03 2016 to 1800 February 03 2016



Bernal Heights Park, San Francisco, in November 2015 (left) and January 2016 (left).

Photo Credit: Reg Saddler / Twitter

Note: [Report updates are in blue](#)



**Cal OES**  
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# **SITUATION SUMMARY**

## **Derailment, UPRR, Bloomington, San Bernardino County**

- On 01/03/16 at 1830 hours the California State Warning Center (CSWC) received notification from Union Pacific Railroad (UPRR) of a derailment. One rail car derailed upright inside the rail yard due to a cross draw bar. Cart was carrying lumber only. Rail Car TTZX866567. No Hazardous Materials release. Rail car was not attached to an engine. No waterways were impacted. All notifications were made per SOP.

## **Super Bowl 50**

- Super Bowl 50 activities have started in both San Francisco and San Jose as of 01/30/16, with major city road closures in San Francisco and minimal road closures in San Jose.
- The NFL Experience and Super Bowl City open in San Francisco. There will be numerous events occurring in the city through 02/07/16 (Super Bowl 50), including concerts and other large scale events.
- There are numerous events occurring in Santa Clara County. Both NFL teams arrived on Sunday in San Jose.
- Teams are practicing today, 02/03/16 at Stanford and San Jose State.
- There are two multi discipline/multi jurisdiction conference calls daily, at 0700 hours and 1500 hours.
- San Francisco Department of Emergency Management (SF DEM) is activated from 1100 hours to 2300 hours at level 3 every day starting 01/30/16 and ending on 02/07/16.
- Santa Clara is activated with a Multi Agency Coordination Group (MACG) from 02/05/16 through 02/07/16.
- There are multiple other Departmental Operations Centers (DOCs) and local EOCs activating including a Joint Information Center (JIC).
- The Cal OES Law Branch, Cal OES Fire Branch, Cal OES Coastal Region, and Cal OES Telecommunications staff are actively monitoring and physically supporting all Super Bowl 50 events leading up to and including Game Day.
- Law Branch is monitoring scheduled protests.
- Cal OES agency representatives (AREPS) are embedded in various Local Government Operations Centers in the Bay Area.
- San Mateo Sheriff will be flying the entire Cal Train system from San Francisco to Gilroy to check the tracks.
- The Department of Homeland Security (DHS) Secretary is in the Bay Area today, 02/03/16, to visit various Super Bowl sites.
- Blue Angels will be practicing today, 02/03/16.

# **SITUATION SUMMARY**

## **Weather of Concern**

### **Northern California**

- A cold front will bring rain, snow, and wind to northwest California today.
  - Rain amounts will generally range from a quarter to a half of an inch.
  - Snowfall amounts of 2 to 3 inches are expected above 2,000 feet, with greater amounts above 3,000 feet.
  - Winds will be gusty as well, with southerly winds of 15 to 25 mph with gusts up to 40 mph possible at the coast, and winds of 20 to 30 mph with gusts up to 45 mph across the interior mountains.
- A fast moving energetic westerly swell will move into the coastal waters tonight.
  - Initially these fast moving waves will be relatively small (4 to 8 feet).
  - Waves will build through the day Thursday reaching 12 to 15 feet.

### **Southern California**

- Surf of 4 to 6 feet with local sets to 8 feet on west facing beaches.
- Light offshore flow will continue through Thursday with some occasional gusty northeast winds.
- Highs will be a few degrees warmer today in most areas.
- Little or no changes can be anticipated in the forecast through Friday and through the middle of next week as well.

### **River Forecasts**

As of 1855 hours on 02/03/16:

- All River Guidance (Flood Forecast) Points are currently below critical stages.

### **Active Weather Warnings, Watches and Advisories by County:**

[http://www.wrh.noaa.gov/sto/brief/wwa\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php)

### **Cal EOC Incident – 2014 Drought**

- SOC / Inland REOC remains activated in support of 2014 Drought
- DTF Drought update is attached.

# Super Bowl 50 Weather Situational Awareness

In collaboration with local, state and federal partners, the San Francisco Bay Area National Weather Service (NWS) Weather Forecast Office (WFO) will provide enhanced decision support services to Emergency Management partners in support of their public safety efforts around the National Football League's (NFL) Super Bowl 50 and events leading up to the NFL championship game being held at Levi's Stadium in Santa Clara, California.

We will continue to send out a morning email briefing to serve as a broad weather outlook for the greater San Francisco Bay Area through at least Feb 8. If updates are made, an afternoon email briefing will also be issued. Additional forecast briefings will be disseminated based on partner request and/or weather demands.

## Weather Summary

- A weak system will bring some sprinkles or light rain showers into the Bay Area late this afternoon and into the evening. This will not have high impacts. The greater concerns will be dangerous beach conditions with a larger swell moving towards the coast that will produce high surf today and then rip currents and sneaker wave threats into the weekend. There is a high confidence at this time that dry and very warm conditions will set up across the area for the weekend and Monday with near record high temperatures possible.
- Rain Today: Some very light rain or sprinkles will move into the area this evening. Amounts of just a few hundredths of an inch are possible. Not expected to be high impact, but could affect road travel with slick roads and any outdoor venues/activities, especially north of the Bay.
- Dangerous Beach Conditions: High surf is expected at the area beaches today and then a heightened threat of rip currents and sneaker waves at beaches on Thursday through Saturday. With the near record highs and many visitors to the area, there will be a concern for dangerous beach conditions.

## 7 Day Area Forecast for the Greater San Francisco Bay Area

**Today:** A 30 percent chance of rain after 3pm. Mostly cloudy, with highs mostly in the upper 50s. East wind around 6 mph.

**Tonight:** A 40 percent chance of rain, mainly before 10pm. Cloudy, then gradually becoming partly cloudy, with lows mainly in the middle 40s. Southeast wind between 3 and 6 mph.

**Thursday:** Mostly sunny, with highs mainly in the lower 60s. Northeast wind between 4 and 8 mph.

**Thursday Night:** Mostly clear, with lows mostly in the middle 40s. Calm wind becoming east around 5 mph.

**Friday:** Mostly sunny, with highs mainly in the lower 60s. East wind 4 to 6 mph becoming north.

**Friday Night:** Mostly clear, with lows mainly in the upper 40s.

**Saturday:** Sunny, with highs mostly in the middle 60s.

**Saturday Night:** Mostly clear, with lows mostly in the upper 40s.

**Sunday:** Sunny, with highs mostly in the upper 60s.

**Sunday Night:** Clear, with lows near 50.

**Monday:** Sunny, with highs mainly in the lower 70s.

**Monday Night:** Clear, with lows near 50.



# Key Points

02/04 – 02/10

## Thursday - Saturday

- Dangerous surf conditions, including large, breaking waves, strong rip currents, and localized beach erosion from Monterey northward

## Friday – Wednesday

- Moderate off shore/Santa Ana wind threat across extreme southern California will impact travel and possibly cause localized issues of blowing dust, downed trees and downed power lines
- Light precipitation will graze extreme northern CA on Saturday
- A warming and drying trend will take hold from Sunday onward, with temperatures approaching 10-15 degrees above normal



# California OES Impact Threat Matrix

February 4, 2016 – February 10, 2016

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather							
Winds		SoCal	SoCal	SoCal	SoCal	SoCal	
Extreme Cold							
Snow							
Heavy Rain/ Flash Flooding							
River Flooding							
Severe Weather							
Heat							
Coastal	MTR northward	MTR northward	MTR northward				

-  High Threat
-  Moderate Threat
-  Slight Threat
-  No Discernible Threat



# Weather Hazards

## Thursday - Saturday



Large waves,  
heavy surf,  
strong rip  
currents, and  
localized  
beach erosion



-  High Threat
-  Moderate Threat
-  Slight Threat



# Days 1-3 Precipitation Forecast

Precipitation (inches)



Thursday



Friday



Saturday



Precipitation amounts are those forecast from 4 AM PST of the day noted to 4 AM PST the following morning (for example, Thursday forecast precipitation is for the period between 4am PST Thu and 4am PST Fri)



# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **NORTHERN CALIFORNIA**

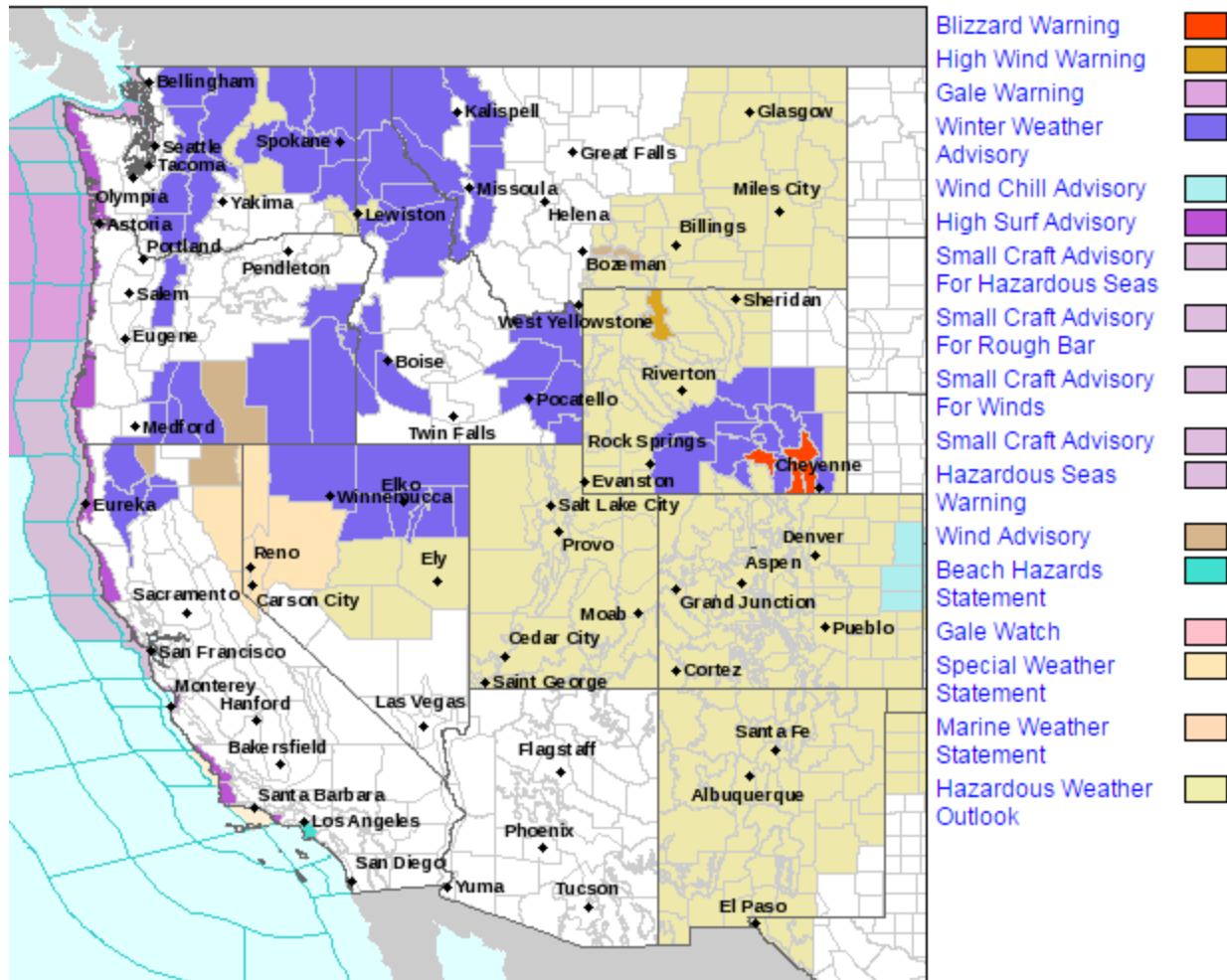
Another Pacific frontal system will move onshore this morning and bring rain and mountain snow to portions of Northern California until early Thursday. Snow levels will be 2000-4000 feet today. Rainfall totals will be an inch or more in the northwest mountains, 0.25-1.00 inches elsewhere over the higher terrain, and a trace to 0.25 inches at lower elevations and east of the Cascade-Sierra crest. High pressure will build overhead Thursday. A weak frontal system moving through the Pacific Northwest will brush the northwest and northern end of Northern California late Friday into early Saturday, with only scattered light rain showers expected there. Elsewhere, dry and warmer weather will prevail Friday and Saturday. The high will strengthen back over the entire region Sunday through the middle of next week. Temperatures will rise to 10-15 degrees above normal and north to east winds will gust to 25-35 mph from the western Sierra slopes to the coast into the middle of next week with this pattern.

### **SOUTHERN CALIFORNIA**

A weak Pacific trough moving into the West Coast will cause temperatures to remain a little below normal today, with 40s to low 50s across the mountains and mid 50s to mid 60s in the valleys. Scattered showers with less than a tenth of an inch of rainfall will occur from a Monterey/Fresno County line northward this evening. The snow level will be around 5,000 feet. A strong ridge of high pressure will build into California bringing a big warming trend and low humidity to the region Thursday through early next week. Temperatures will warm to near normal Thursday and to between 10 and 15 degrees above normal Sunday through early next week. Minimum humidity will be mainly between 12% and 25% Friday and Saturday and then drop into the single digits and teens Sunday through early next week away from the San Joaquin Valley. Northeast to east winds of 15 to 30 mph with gusts to 50 mph will surface across the mountains and below the canyons and passes of Southern California Thursday night through early next week. The strongest winds will occur Sunday night through Monday morning.



# WEATHER



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# **FIRE ACTIVITY**

## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center**

<http://www.cnrfc.noaa.gov/>





# **CAL OES 2014 DROUGHT**

## **Cal EOC Incident – 2014 Drought**

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

# **CAL OES 2014 DROUGHT**

## **Cal EOC Incident – 2014 Drought**

### **Local Emergency Proclamations:**

**A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 29 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*